

Yorkshire Dales National Park

Forecast valid from 00:00 on Thursday 01 Jun 2023 until 23:59 on Friday 02 Jun 2023
Forecast Issued on Wednesday 31 May 2023 at 14:27

Confidence: High confidence for generally settled conditions, but lower for cloud details during overnight and early morning periods.

Headline for Thursday 01 Jun 2023: Low cloud clearing through the morning to give a sunny day for most, perhaps cloudier at times in the far east.

Mountain weather hazards on Thursday 01 Jun 2023

Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales No Likelihood	Severe chill effect No Likelihood	Poor visibility Low Likelihood
Thunderstorms No Likelihood	Heavy persistent rain No Likelihood	Strong sunlight High Likelihood

Weather and chance of precipitation at 600m							
				Time			
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Fog	Cloudy	Cloudy	Sunny intervals	Sunny	Sunny intervals	Cloudy	Cloudy
Precipitation probability							
10%	10%	10%	<05%	<05%	<05%	<05%	<05%

Forecast for Thursday 01 Jun 2023

Weather: Low cloud moves in from the east to cover the park overnight, although some higher summits could possibly remain above the cloud at times. This breaking and lifting through the morning, with the western side of the park seeing prolonged sunshine through the afternoon. The eastern half of the park is likely to be cloudier at times although still seeing plenty of sunny spells, before cloud pushes westwards once again into the evening to cover eastern hills.

Chance of cloud-free hill tops above 600m: 60% at first, rising to 90% through the morning. Note that some lower levels obscured by cloud early on.

Low Cloud and visibility: Low cloud across the park at first will have bases down to around 400m, but as it's a relatively thin layer of cloud some higher summits could remain above the cloud at times, perhaps becoming partially obscured through the morning as cloud lifts and breaks. Visibility generally very good throughout the day, dropping to poor in early low cloud.

Forecast for Thursday 01 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/23 NE	14/21 NE	16/22 NE	15/21 NE	15/21 NE	15/21 NE	15/21 NE	15/22 NE	13/20 NE
300	8/18 NE	8/17 NE	9/18 NE	11/19 NE	11/19 NE	12/20 NE	11/21 NE	10/20 NE	8/18 NE
Valley	8/17 E	4/12 NE	5/13 E	8/16 NE	9/16 NE	10/18 NE	10/19 E	8/17 E	7/16 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	5/1	6/1	8/4	10/7	10/7	8/5	6/2	4/0
300	7/5	7/5	8/6	12/10	15/13	14/12	11/9	8/5	7/4
Valley	8/6	7/6	10/8	14/13	17/16	18/16	15/13	9/8	8/6
Freezing Level*	2600m	2500m	2500m	2400m	2300m	2300m	2400m	2200m	2000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

High UV levels are forecast, so carrying sun protection is essential.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
14:00 on Wed 31 May 2023

Last 24 hours:
0mm

Last 48 hours:
0mm

Last 72 hours:
0mm

Forecast for Friday 02 Jun 2023

Weather: Low cloud pushing in from the east affecting the park overnight, clearing through the morning to give a fine sunny day. Chilly to start, but warming up quickly in the sunshine.

Maximum wind: Northeasterly 5-10 mph, gusting up to 25mph early on.

Chance of cloud-free hill tops above 600m: 70%, rising to 100% through the morning. Note, some eastern lower levels likely to be obscured by early low cloud.

Low Cloud and visibility: Low cloud affecting the east of the park early on, with some summits perhaps staying above the level of cloud at times. Cloud then clearing through the morning to give clear skies. Visibility generally very good, briefly dropping to poor in early low cloud.

Temperature: **Valleys:** Plus 6 Celsius, rising to Plus 16 Celsius.
At 600m: Plus 4 Celsius, rising to Plus 12 Celsius.
Freezing level: Above summits.